

CLAIMS

1. An acrylic film, composed of a resin composition (C) that comprises an acrylic graft copolymer (A) containing an acrylic ester rubber-like polymer and a methacrylic polymer (B) containing 80% by weight or more of methyl methacrylate, wherein

(1) the content of the acrylic ester rubber-like polymer in the resin composition (C) is 5% by weight or more and 30% by weight or less,

(2) the average particle size of the acrylic ester rubber-like polymer is 500 to 2000 Å,

(3) the relationship between the average particle size d (Å) of the acrylic ester rubber-like polymer and the amount w (% by weight) of a crosslinking agent used in the acrylic ester rubber-like polymer satisfies the following equation:

$$0.002d \leq w \leq 0.005d,$$

(4) the graft ratio of the acrylic graft copolymer (A) is 30% or more and 200% or less, and

(5) the reduced viscosity of methyl ethyl ketone soluble matter in the resin composition (C) is 0.2 to 0.8 dl/g.

2. The acrylic film according to claim 1, wherein the relationship between the average particle size d (Å) of the acrylic ester rubber-like polymer and the amount w (% by weight) of the crosslinking agent used in the acrylic ester rubber-like polymer satisfies the following equation:

$$0.0025d \leq w \leq 0.005d.$$

3. The acrylic film according to claim 1 or 2, wherein the content of the acrylic ester rubber-like polymer in the resin composition (C) is 15% by weight or more and 30% by weight or less.

4. The acrylic film according to claim 1 or 2, wherein the content of the acrylic ester rubber-like polymer in the resin composition (C) is more than 20% by weight and 30% by weight or less.

5. The acrylic film according to any of claims 1, 2, 3 and 4, wherein the acrylic graft copolymer (A) is prepared by: graft polymerizing a monomer mixture containing 86% by weight or more of a methacrylic ester onto the acrylic ester rubber-like polymer in a first step; and graft polymerizing a monomer mixture containing 85% by weight or less of a methacrylic ester onto the resultant graft polymer in a second step.

6. Laminates of the acrylic film according to any of claims 1, 2, 3, 4 and 5.

7. The laminates according to claim 6, produced by injection molding.